

# Technical data sheet

## Surge arrester with remote signalling V20+NPE

Item no. 5095670



Surge arrester, type 2

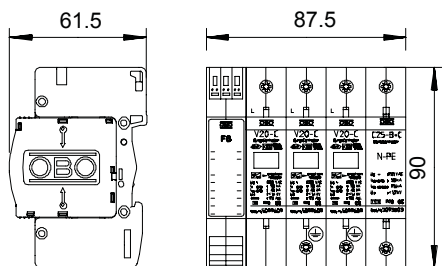
- Complete unit consisting of cover and base, pre-mounted and ready for connection
- Suitable for TN and TT network systems
- Plug-in cover; cover can be separated from base without tools
- Incl. thermal and dynamic cut-off unit
- With remote signalling and potential-free changeover contact for function monitoring
- With visual display of defects
- High current conductivity and long service life
- Labelled connections

Application example: Residential buildings, single-family homes and industrial

\* Complete = cover and base



### Dimensions



### Master data

Item no.	5095670
Type	V20-C 3+NPEFS-A
Description 1	SurgeController V20
Description 2	with remote signalling
Dimension	280V
Smallest sales unit (VG)	1 Piece
Weight	55,00 kg/100 pc.

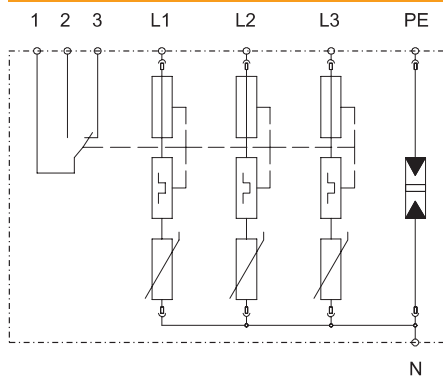
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### Technical data



SPD to EN 61643-11	Type 2
SPD to IEC 61643-11	Class II
Test class, type 2	<input checked="" type="checkbox"/>
Nominal voltage	230,00 V
Maximum continuous voltage AC	280,00 V
Max. continuous operating voltage	280,00 V
Nominal discharge current (8/20)	20 kA
Nominal discharge current (8/20 µs) [L-N]	20,00 kA
Maximum discharge current (8/20 µs)	40,00 kA
Arrester surge current (8/20) [total]	80,00 kA
Protection level	< 1,3 kV
Response time	< 25 ns
Maximum back-up fuse	125,00 A
Temperature range	-40+80 °C
Pole version	3+N/PE
Version	3-pole with NPE; with RS, 280 V
Version	3 + NPE
Mounting type	Hat rail 35 mm
Installation type	DIN rail 35 mm
Protection rating	IP20
Protection rating	IP 20
Division unit TE (17.5 mm)	5
Integrated back-up fuse	<input type="checkbox"/>
Max. cable cross-section flexible (fine-wire)	25,00 mm <sup>2</sup>
Max. cable cross-section rigid (single wire/multi-wire)	35,00 mm <sup>2</sup>
Connection cross-section, flexible	2,50 - 25,00 mm <sup>2</sup>
Connection cross-section, rigid	2,50 - 35,00 mm <sup>2</sup>
Connection cross-section, multi-wire	2,50 - 35,00 mm <sup>2</sup>
Signalling on device	Visual